USCMS Engineer Status Report for July 2003

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1 Work Performed This Month

1) Calorimetry redesign is in progress. This is top priority task for July September. 2) 10M Caltech production: - 1100k of different datasets has been generated, simulated reconstructed and analysed. - 1500k in addition has been generated and simulated (cmkin + cmsim) 3) CMS Internal Note about G3-DDD transition will be submitted in the beginning of August. 4) Trigger information has been added to the our analysis program EgammaMOAN. 5) New proposal on 3.6M SU has been submitted to NRAC, 2.6M of them are on TeraGrid facility. ORCA should be ported to IA64 in Fall 2003. Ganglia has been installed on pTier2 for monitoring purposes. 6) NEC 2003 presentation draft being finalized and will discussed during August, first part of September. May be it will be submitted as CMS Internal Note later on. 7) 400k of events (born and box background) have been copied to UCSD for some studies. 8) 100k of another events (eta calibration task) have been getting back on disks for our student (Tony Lee) to make some tests with calibration program. Work is in progress.

2 Status of Deliverables

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monitoring purposes.

3   Plans For Next Month

1) Calorimetry redesign 2) Note for Varna NEC2003 3) Caltech production
is on going - next 1M of events.

4   Longer Term Plans

1) Calorimetry redesign Internal Note 2) Sustained level of 1M of events
per month for 10M Caltech production. 3) Collection statistical information
about production , NEC2003 presentation and , probably, Internal Note. Fi-
nal version will be prepared in the beginning of August. 4) NERSC comput-
ing facilities. To understand the possibility to use it for our future graviton
studies.

5   Links To Supporting Documentation

- http://www.cacr.caltech.edu/ litvin/nrac2003lva.ps

- http://www.cacr.caltech.edu/ litvin/21jul2003.ppt